

# Extruded Aluminum Louver

**IL52**

5" Deep • Chevron Drainable Blade • Stationary Louver

## STANDARD CONSTRUCTION

- FRAME:** .081" thick nominal 6063-T6/T52 extruded aluminum alloy
- BLADES:** .060" thick; 6063-T6/T52 extruded aluminum alloy
- ASSEMBLY:** Mechanically fastened
- SCREEN:** 1/2" x .051" flattened aluminum birdscreen
- FINISH:** Mill

## OPTIONS

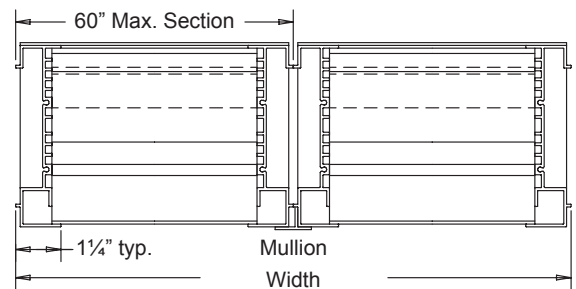
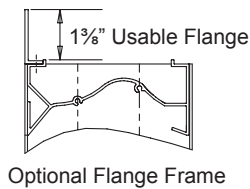
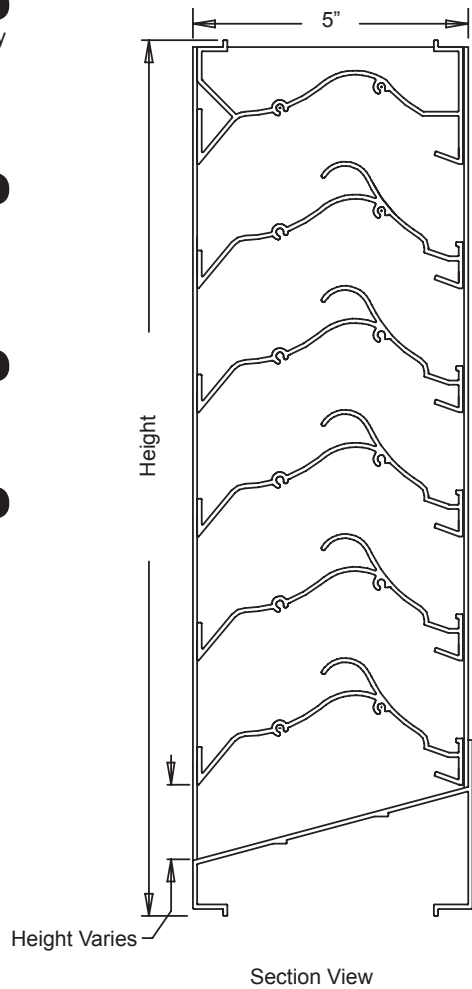
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 1/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

## NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5.5 lbs./sq.ft.

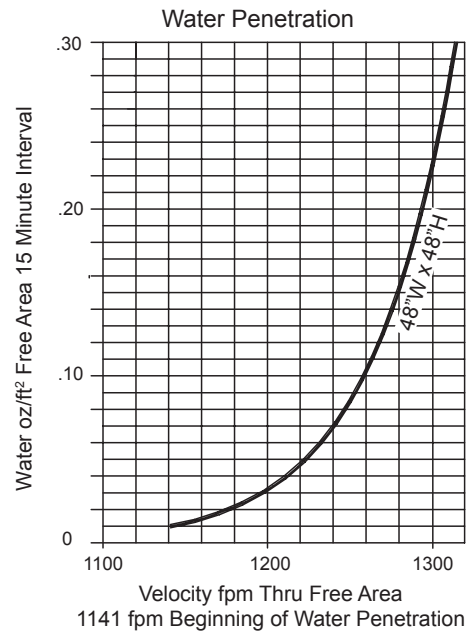
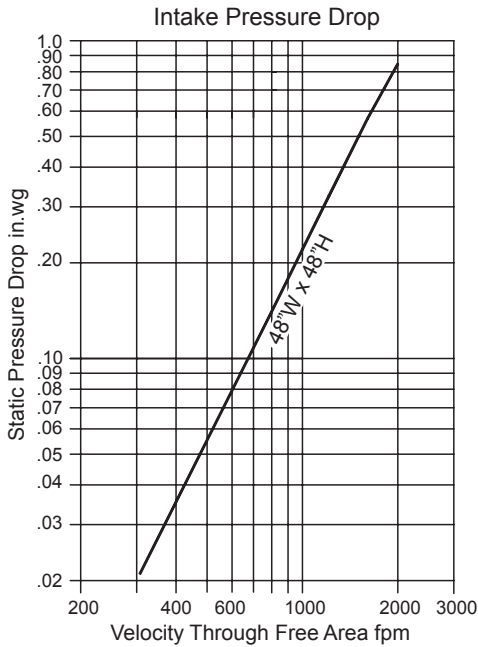
## LOUVER SIZE

Panels	Min Panel	Max Single Panel
IL52	12"W x 12"H	40 sq.ft.



Water Penetration: 0.208 in.wg at 1100 fpm maximum free area velocity  
 Pressure Drop: 0.3 in.wg at 1141 fpm and 8820 scfm  
 Free Area: 7.73 sq.ft. = 48.3% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.



Free Area sq.ft

		Width									
		12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
Height	12"	0.26	0.59	0.92	1.25	1.58	1.90	2.23	2.56	2.89	3.22
	24"	0.68	1.55	2.41	3.27	4.14	5.00	5.86	6.73	7.59	8.46
	36"	1.11	2.50	3.90	5.30	6.70	8.10	9.50	10.89	12.29	13.69
	48"	1.61	3.65	5.69	7.73	9.77	11.81	13.85	15.89	17.93	19.97
	60"	2.04	4.61	7.19	9.76	12.33	14.91	17.48	20.06	22.63	25.21
	72"	2.46	5.57	8.68	11.79	14.90	18.00	21.11	24.22	27.33	30.44
	84"	2.97	6.72	10.47	14.22	17.97	21.72	25.47	29.22	32.97	36.72
	96"	3.39	7.68	11.96	16.25	20.53	24.82	29.10	33.39	37.67	41.96
	108"	3.82	8.63	13.45	18.27	23.09	27.91	32.73	37.55	42.37	47.19
	120"	4.32	9.78	15.25	20.71	26.17	31.63	37.09	42.55	48.01	53.47



L&D certifies that the Model IL52 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified ratings seal applies to Air Performance Ratings and Water Penetration Ratings.